



FEMA

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Wednesday, July 19, 2017

Issued: 0800 CT

Day 1 Hazards: Marginal risk area for isolated flash flooding in W NM into Far West TX.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Brian Hoeth
817-978-1100 x 147**

Key Points



Today – Friday

- Marginal risk area for isolated flash flooding across parts of western New Mexico into Far West TX

Saturday – Sunday

- No Significant Weather Impacts expected

Tropical Weather Outlook

- Tropical Storm Don dissipated yesterday
- A low pressure system in the central Atlantic has a low chance of development while it moves northwest over the next few days
 - Formation chance through 48 hours...low...30%
 - Formation chance through 5 days...low...30%

*FEMA Region 6 Threat Matrix

Jul 19, 2017 - Jul 23, 2017

	WED	THU	FRI	SAT	SUN
Severe Weather					
Heavy Rain / Flash Flooding	W NM into Far West TX	W NM into Far West TX	W NM into Far West TX		
Heat					
River Flooding					
Tropical Weather					

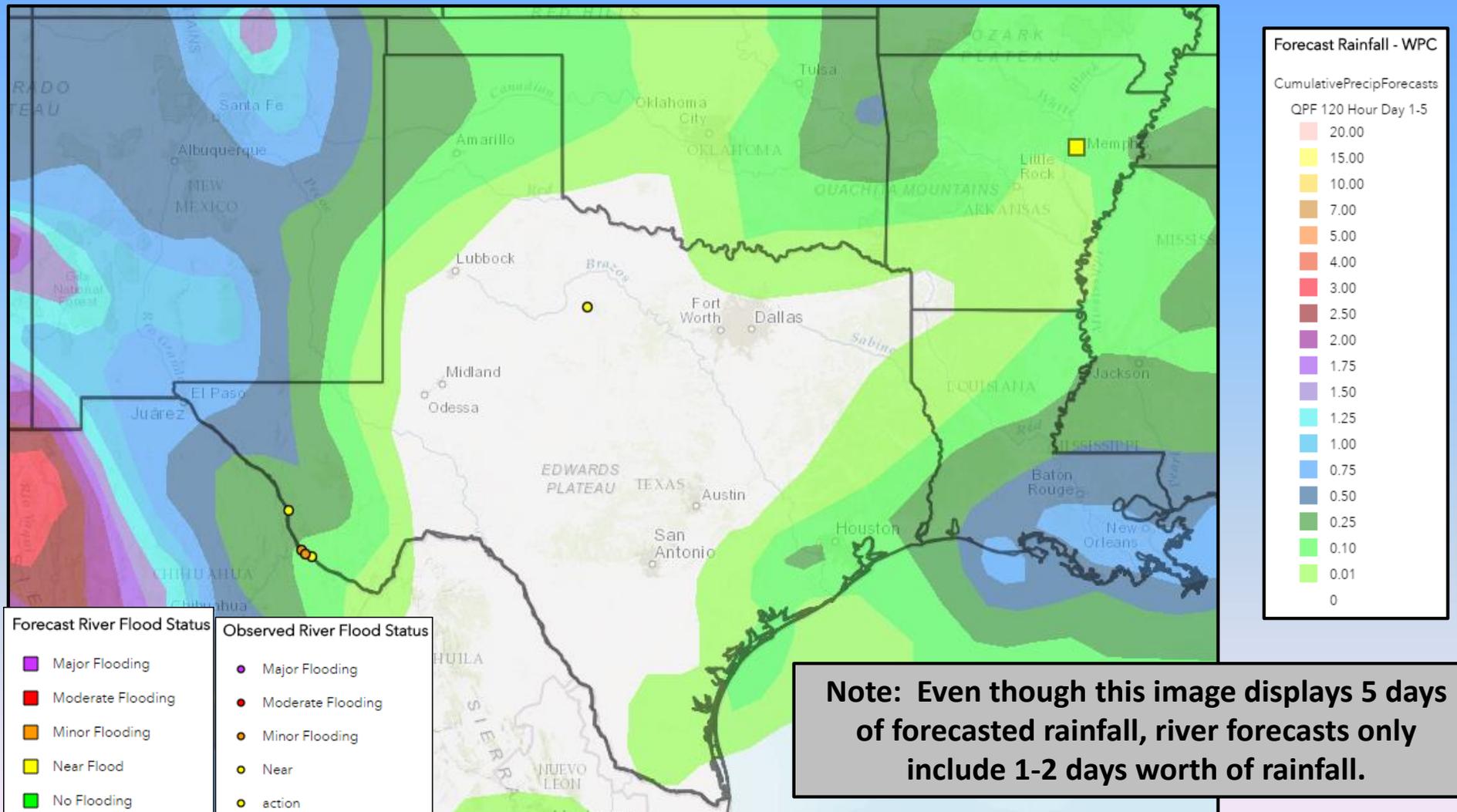
-  No Weather Threats Expected
-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



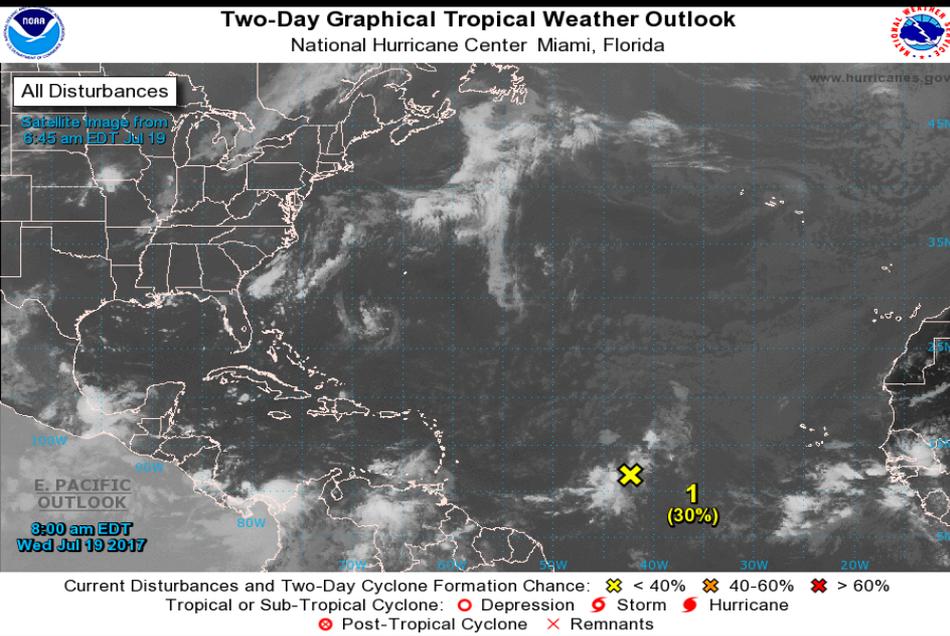
5-Day Precipitation Forecast & River Flood Status

No significant river flooding occurring or expected.



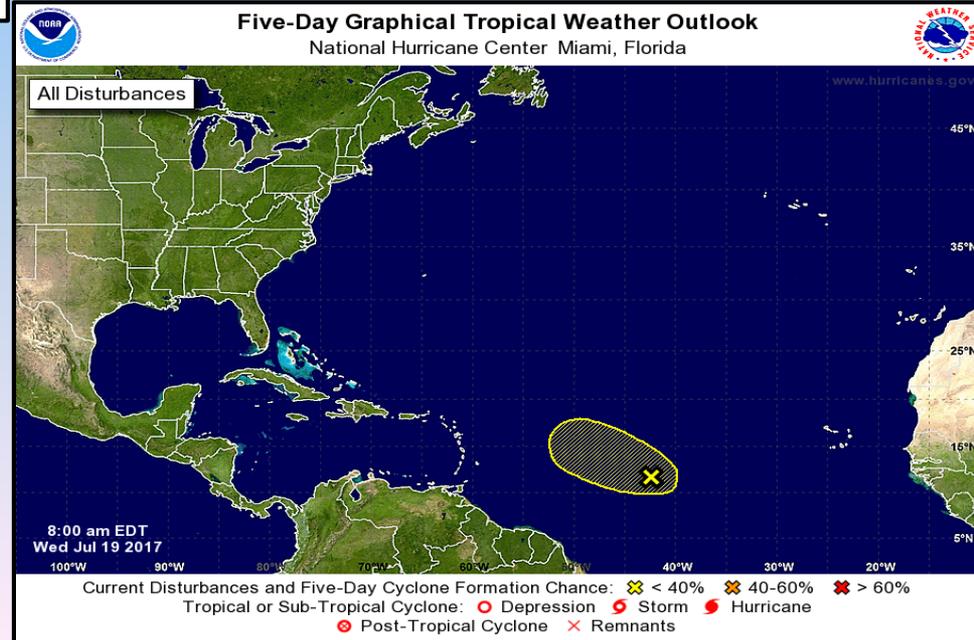
For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook

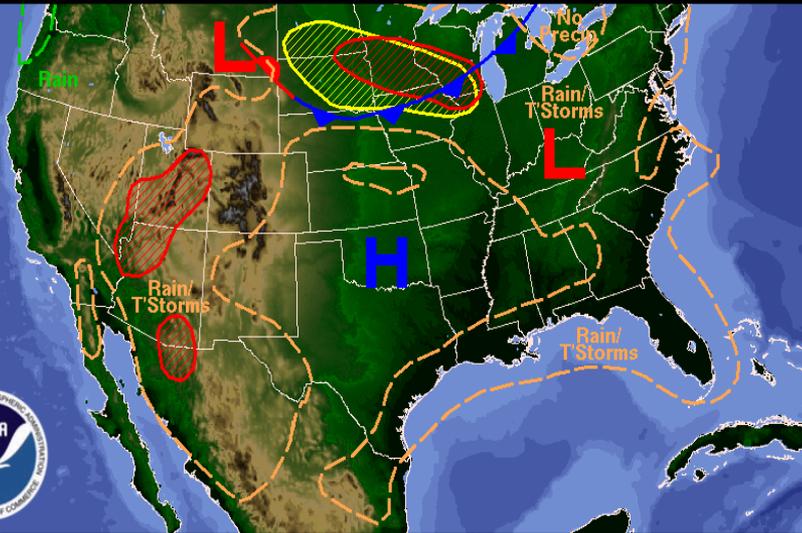


An elongated low pressure area located about midway between the Cabo Verde Islands and the Lesser Antilles is producing a large area of disorganized showers and thunderstorms. Some gradual development of this system is possible during the next day or two while it moves toward the west-northwest or northwest at 10 to 15 mph. After that time, environmental conditions are forecast to become unfavorable for development.

- * Formation chance through 48 hours...low...30 percent.
- * Formation chance through 5 days...low...30 percent.



Today's Weather

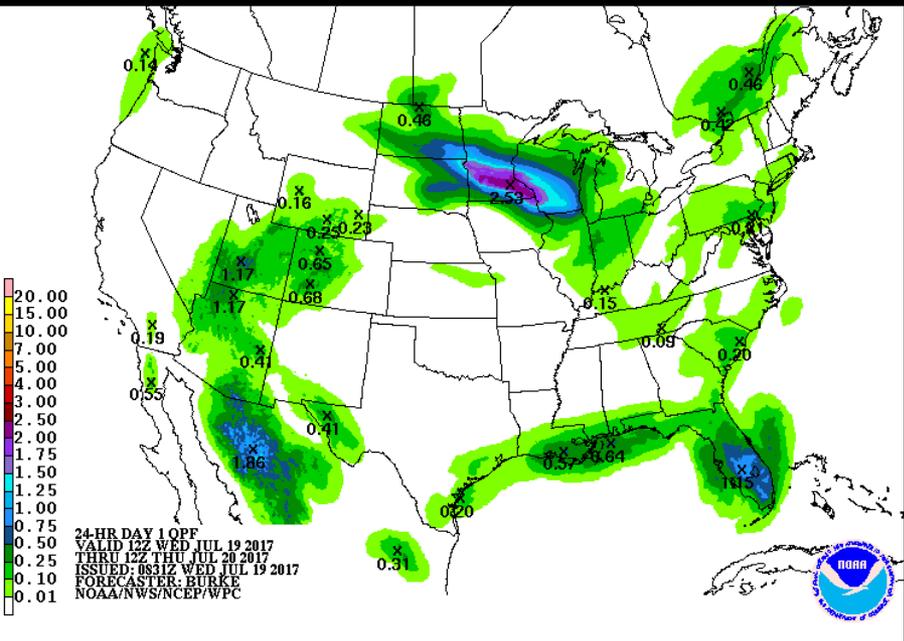


Day 1 National Forecast Chart

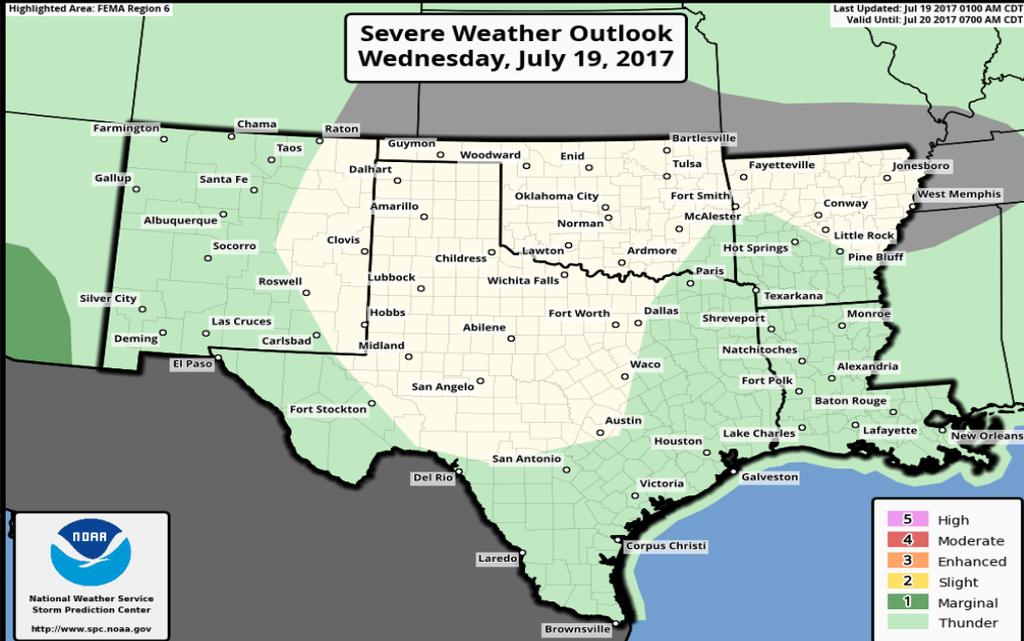
Valid Wed, Jul 19, 2017, issued 4:53 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds with WPC/SPC/NHC forecasts

- Rain
- Rain and T'Storms
- Rain and Snow
- Snow
- Flash Flooding Possible (hatched)
- Severe T'Storms Possible (hatched)
- Freezing Rain Possible (hatched)
- Heavy Snow Possible (hatched)

Marginal risk for isolated flash flooding in W NM into Far West TX



24-HR DAY 1 OUPF
 VALID 12Z WED JUL 19 2017
 THRU 12Z THU JUL 20 2017
 ISSUED: 0831Z WED JUL 19 2017
 FORECASTER: BURKE
 NOAA/NWS/NCEP/WPC



Severe Weather Outlook Wednesday, July 19, 2017

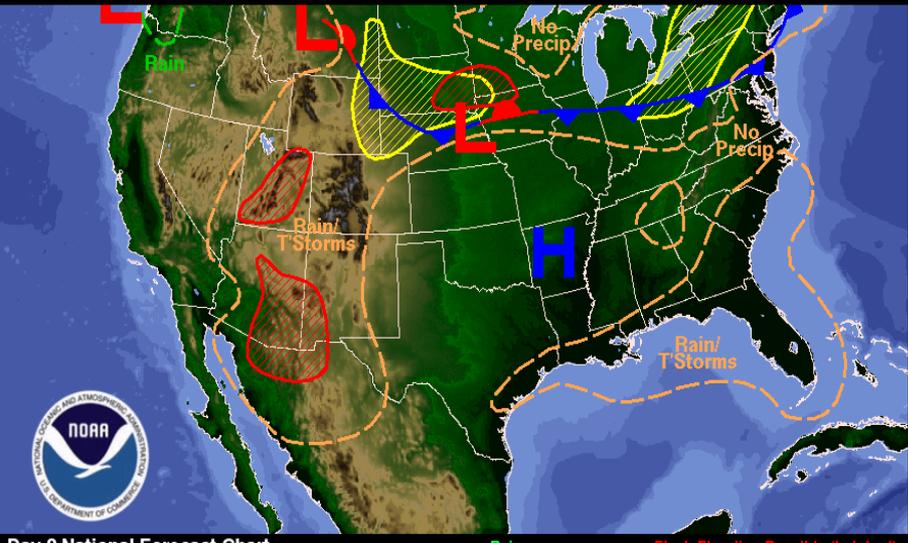
Last Updated: Jul 19 2017 0100 AM CDT
 Valid Until: Jul 20 2017 0700 AM CDT

- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder



Tomorrow's Weather

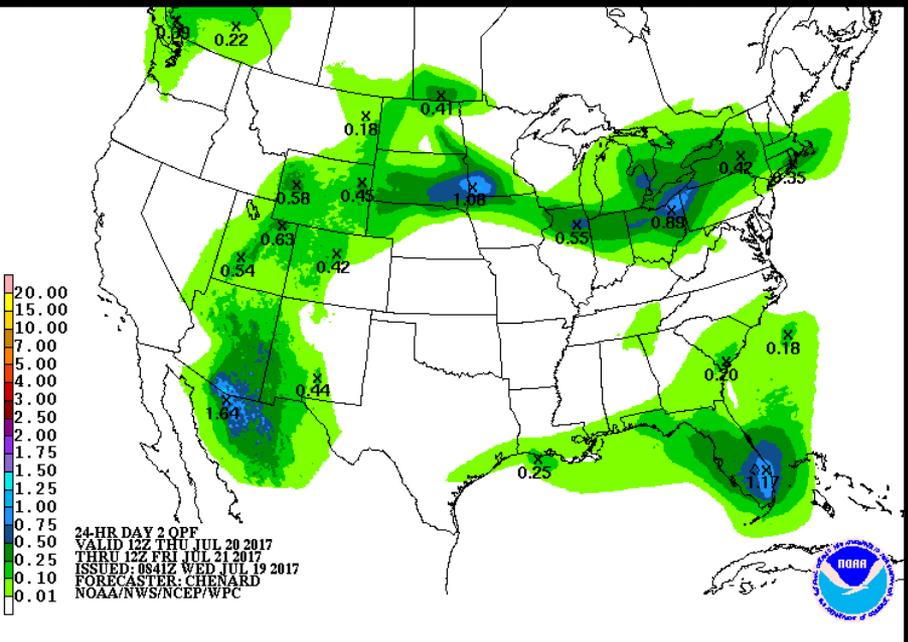
Marginal risk for isolated flash flooding in W NM into Far West TX



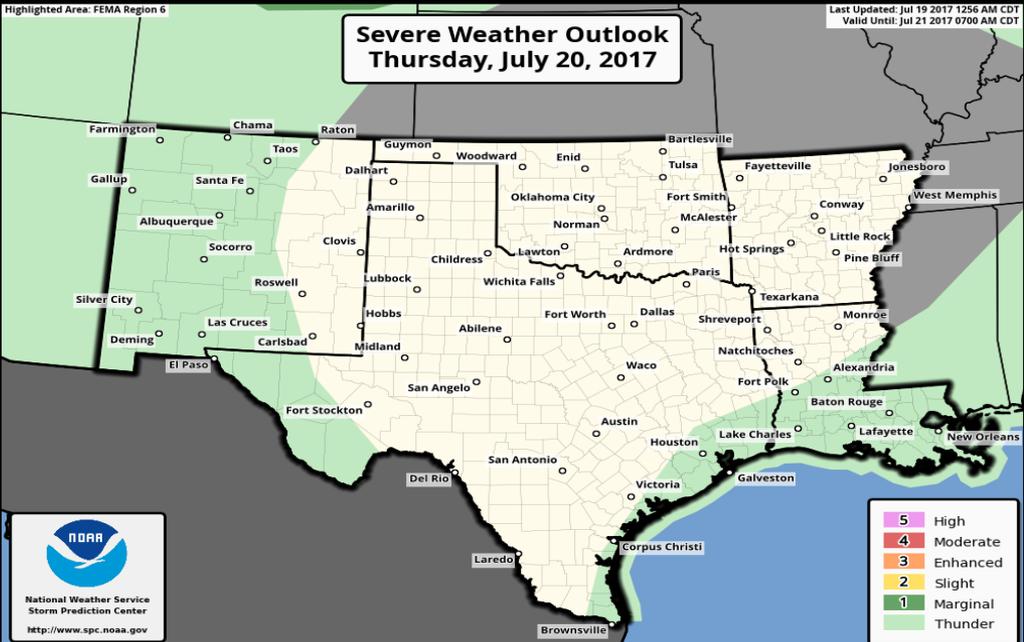
Day 2 National Forecast Chart

Valid Thu, Jul 20, 2017, issued 4:56 AM EDT Wed, Jul 19, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds with WPC/SPC/NHC forecasts

- Rain
- Rain and T'Storms
- Rain and Snow
- Snow
- Flash Flooding Possible (hatched)
- Severe T'Storms Possible (hatched)
- Freezing Rain Possible (hatched)
- Heavy Snow Possible (hatched)



24-HR DAY 2 OPF
 VALID 12Z THU JUL 20 2017
 THRU 12Z FRI JUL 21 2017
 ISSUED: 0642Z WED JUL 19 2017
 FORECASTER: CHENARD
 NOAA/NWS/NCEP/WPC



Severe Weather Outlook
 Thursday, July 20, 2017

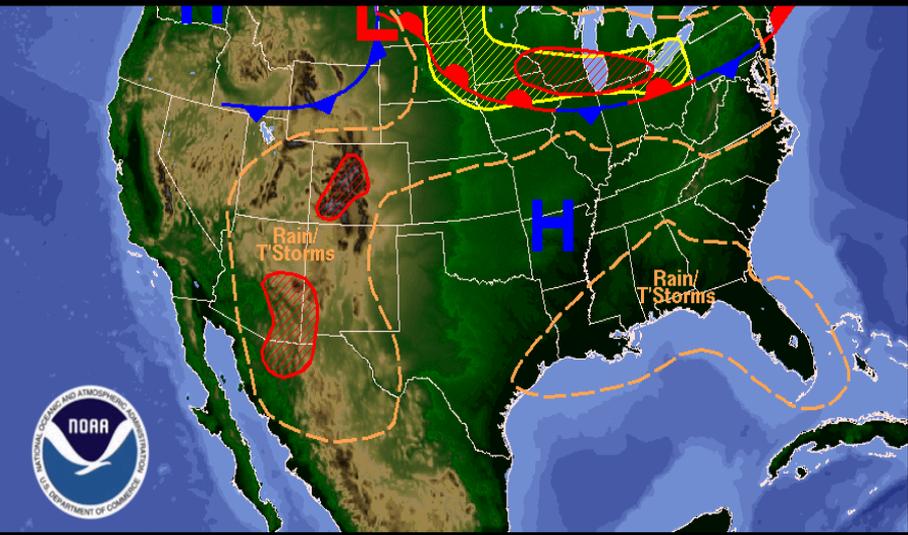
Last Updated: Jul 19 2017 12:56 AM CDT
 Valid Until: Jul 21 2017 07:00 AM CDT



- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder

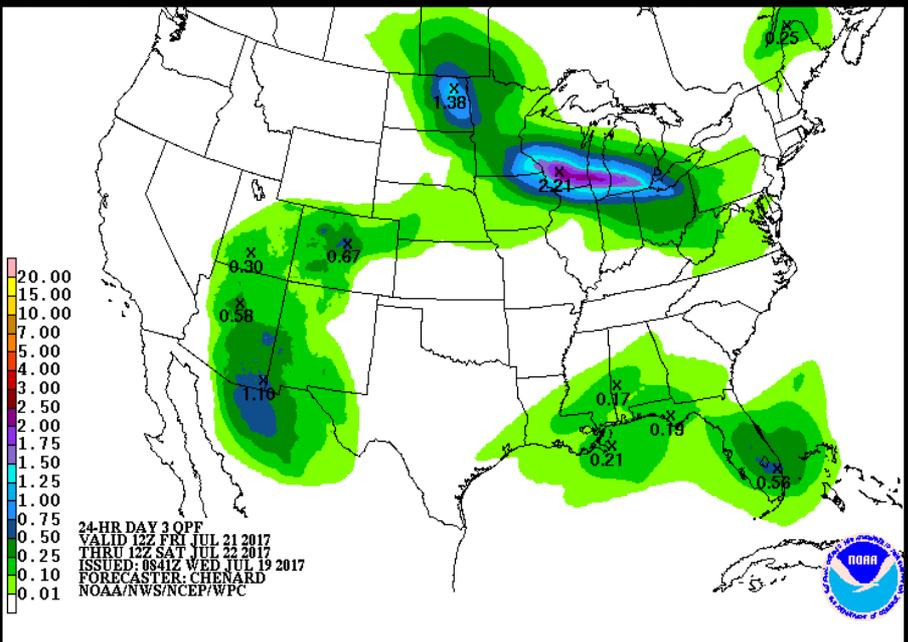
Friday's Weather

Marginal risk for isolated flash flooding in W NM into Far West TX

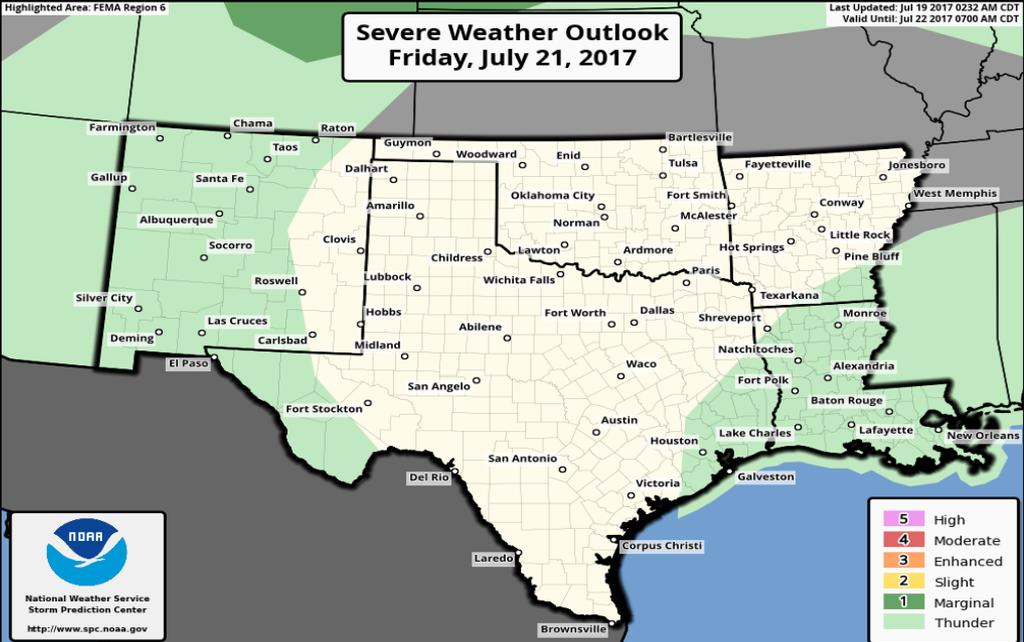


Day 3 National Forecast Chart
 Valid Fri, Jul 21, 2017, issued 4:59 AM EDT Wed, Jul 19, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Mcreynolds with WPC/SPC/NHC forecasts

■ Rain
■ Rain and T'Storms
■ Rain and Snow
■ Snow
■ Flash Flooding Possible (hatched)
■ Severe T'Storms Possible (hatched)
■ Freezing Rain Possible (hatched)
■ Heavy Snow Possible (hatched)



24-HR DAY 3 QPF
 VALID 12Z FRI JUL 21 2017
 THRU 12Z SAT JUL 22 2017
 ISSUED: 0841Z WED JUL 19 2017
 FORECASTER: CHENARD
 NOAA/NWS/NCEP/WPC



Severe Weather Outlook
 Friday, July 21, 2017

■ 5 High
■ 4 Moderate
■ 3 Enhanced
■ 2 Slight
■ 1 Marginal
■ Thunder

National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

Day 4-5 Weather Hazards

Valid: 0800 Sat - 0800 Mon



No significant weather impacts expected.

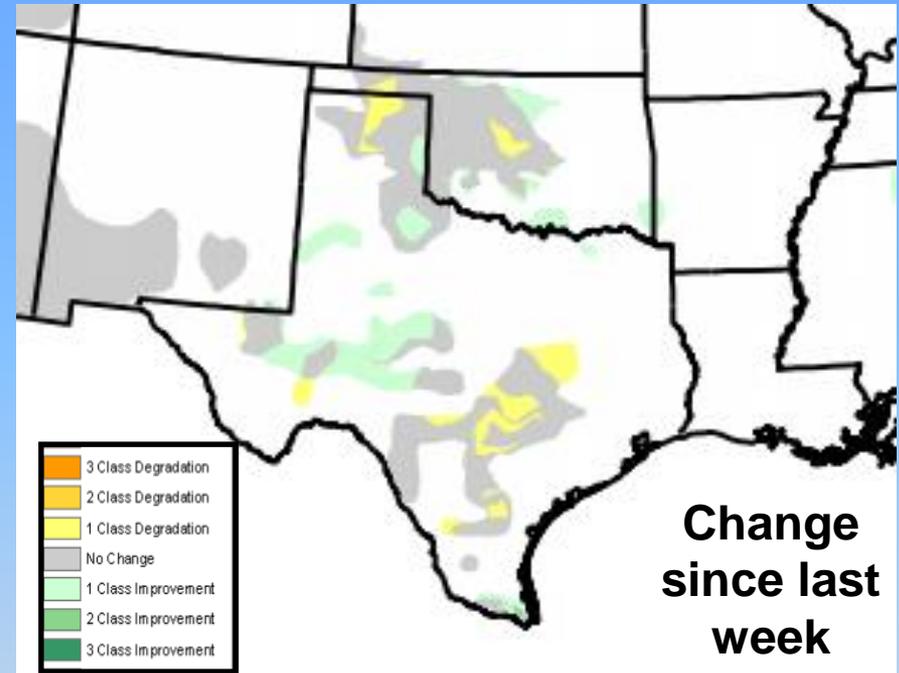
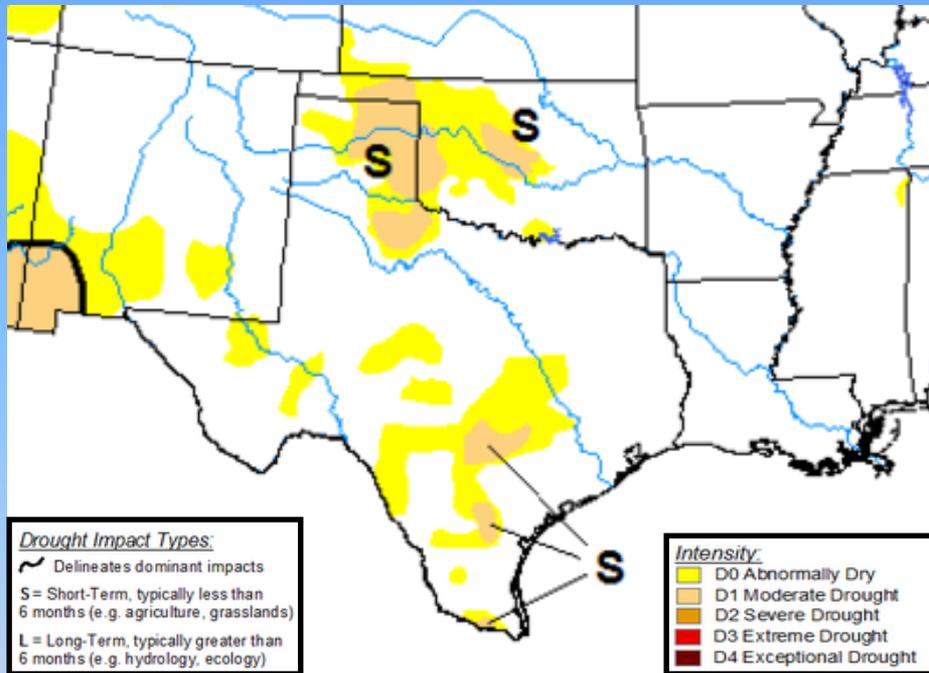
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released July 13, 2017

Data valid as of 7am CST, Tuesday, July 11, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

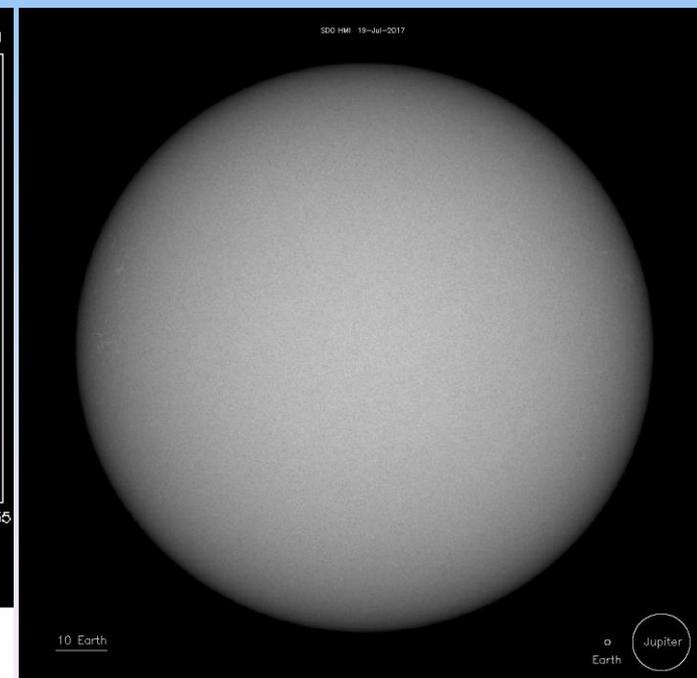
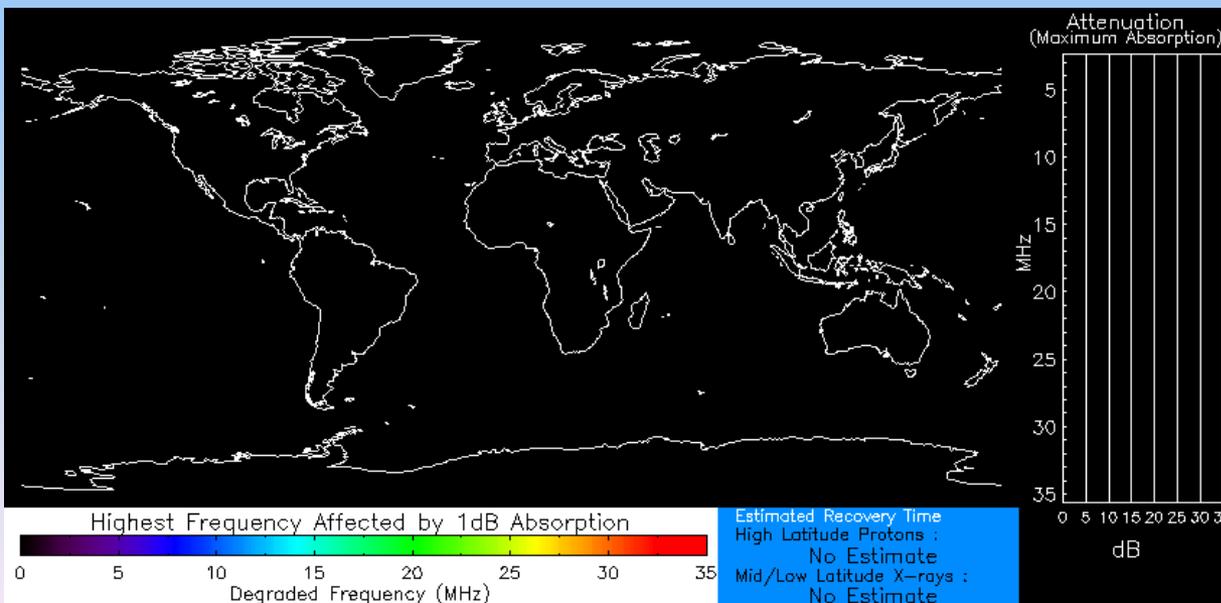
Space Weather 3-Day Forecast



	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	5%	1%	1%
Radio Blackout (R1-R2)	5%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
Product Valid At : 2017-07-19 11:28 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<p>Very Common</p> <p>Safety: Rarely a Direct Threat to Life and Property</p> <p>Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>Severe: Marginal Risk from SPC</p> <p>Flooding: Minor flooding expected over localized areas</p> <p>Tropical: None</p> <p>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active</p>	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	<p>Somewhat Common – Happens Frequently</p> <p>Safety: Rarely a Direct Threat to Life and Property</p> <p>Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<p>Severe: Slight Risk from SPC</p> <p>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas</p> <p>Tropical: A weak tropical wave expected to move towards or near any coastline</p> <p>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook</p>	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	<p>Uncommon – A Few Times a Year</p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable</p> <p>Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>Severe: Enhanced Risk from SPC</p> <p>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas</p> <p>Tropical: A Tropical Storm expected to move towards or near any coastline</p> <p>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions</p>	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	<p>Rare – Once every 1-5 Years</p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed</p> <p>Impact Potential: Will likely result in Large Disruption to Daily Life</p>	<p>Severe: Moderate Risk from SPC</p> <p>Flooding: Moderate flooding expected over a widespread area (including urban locations)</p> <p>Tropical: A Hurricane expected to move towards or near any coastline</p> <p>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought</p>	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	<p>Very Rare – Once Every 5-10 Years</p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed</p> <p>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p>	<p>Severe: High Risk from SPC</p> <p>Flooding: Major flooding expected over a widespread area (including urban locations)</p> <p>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline</p> <p>Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought</p>	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms